

Treatment Admissions for Primary Marijuana of Abuse in Kentucky: 2001-2007.

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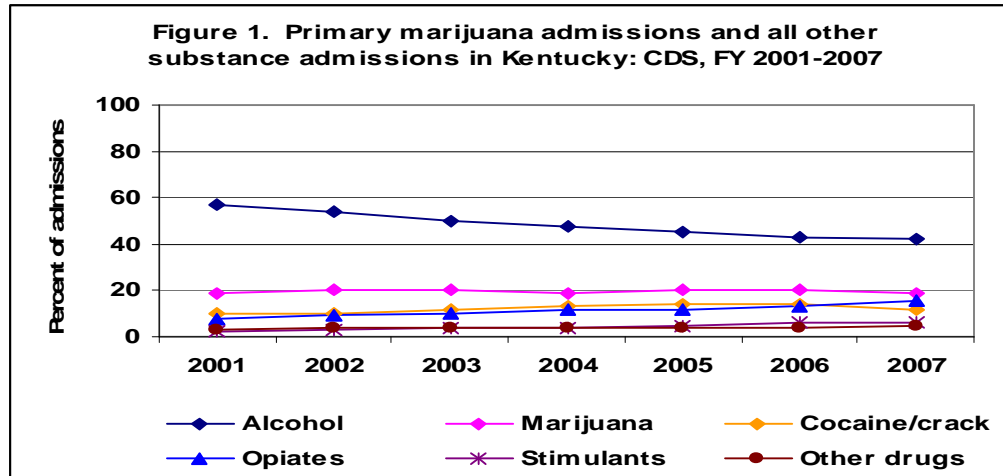
In Brief

- Treatment admissions for the primary marijuana of abuse was the second large proportion after alcohol admissions and had remained unchanged at 19% from 2001 to 2007.**
- Primary marijuana admissions aged 12 to 24 were likely to be more than all other substance admissions (62% vs. 21% in 2001; 50% vs. 21% in 2007).**
- Primary marijuana admissions were likely to be younger, on average age, than all other admissions (24.4 vs. 34.3 years old in 2001; 26.6 vs. 33.8 years old in 2007).**
- Primary marijuana admissions were likely to report alcohol as the most frequently used secondary substance (65% in 2001 and 49% in 2007); while all other admissions were likely to report marijuana as the most frequently used secondary substance (51% in 2001 and 41% in 2007).**
- Primary marijuana admissions were more likely to have been referred to treatment by criminal justice system than all other substances (57% vs. 54% in 2001; 53% vs. 51% in 2007).**

This report examines the characteristics of substance abuse treatment admissions in which marijuana was the primary substance of abuse and compares them with admissions in which other substances were primary. The report was based on data from the Kentucky Client Data Set (CDS)¹, for fiscal years from 2001 to 2007.

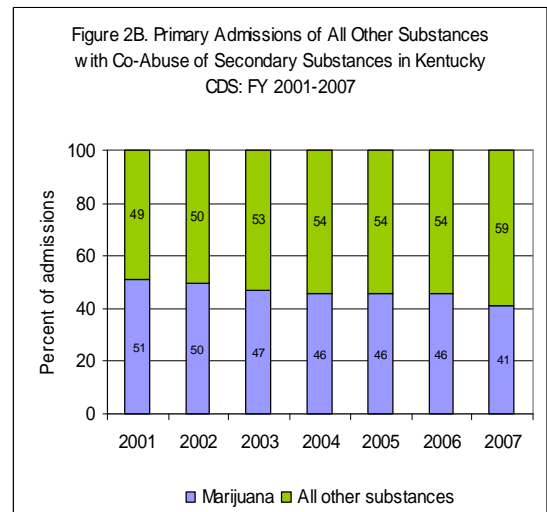
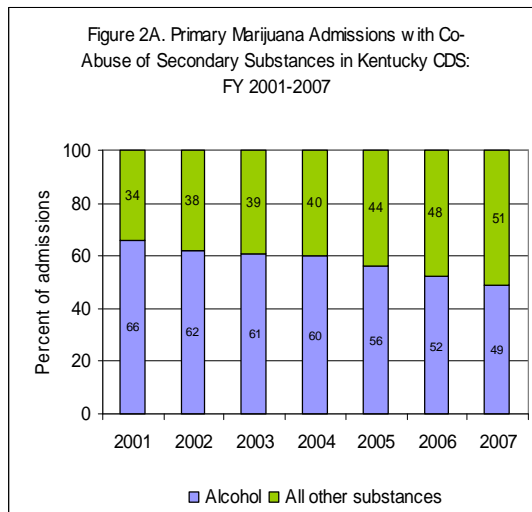
Primary Marijuana of Abuse²

Admissions for primary marijuana of abuse were the second large proportion of all admissions after alcohol and had remained unchanged at 19% from 2001 to 2007 (Fig. 1 and Table 1A).



The majority (72% in 2001; 66% in 2007) of primary marijuana admissions reported to have used other secondary substances³; and only one-third (28% in 2001; 34% in 2007) of those admissions reported to have abused marijuana only (Table 1B in Appendix).

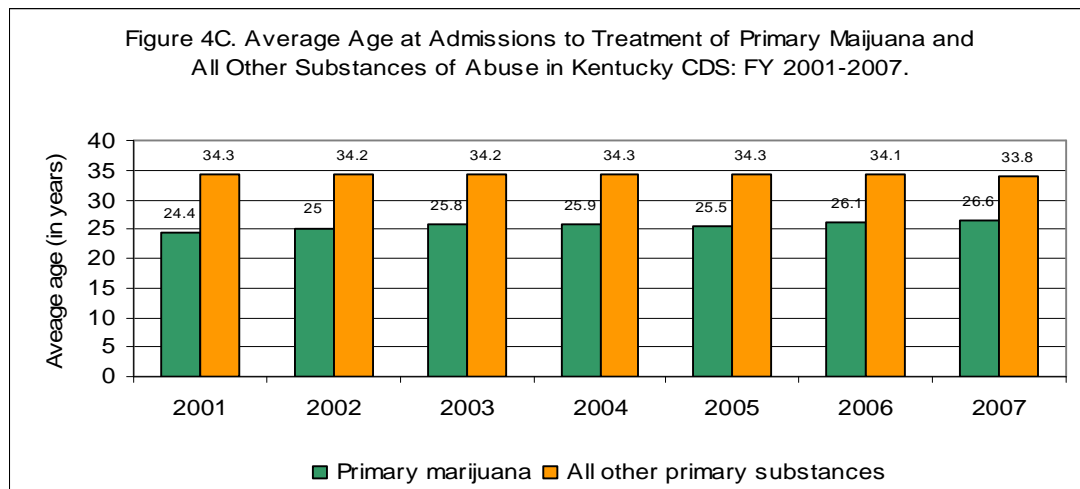
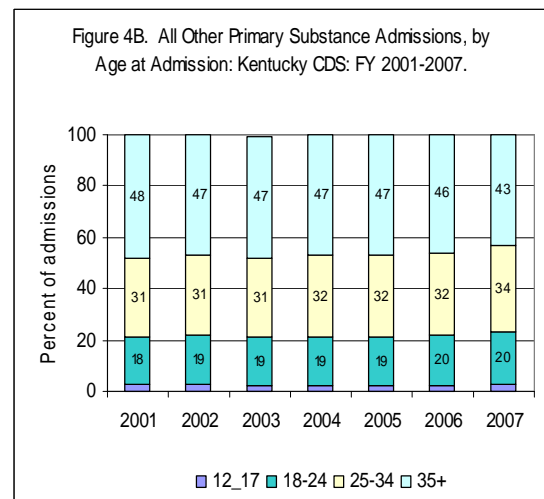
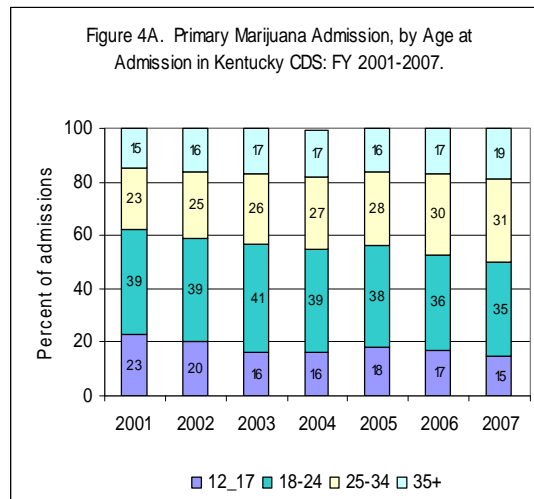
Among primary marijuana admissions, the most commonly abused secondary substance was alcohol (65% in 2001; 49% in 2007); while among primary admissions of all other substances marijuana was the most commonly abused secondary substance (51% in 2001; 41% in 2007) (Fig. 2A, 2B and Table 1B in Appendix).



Demographic Characteristics

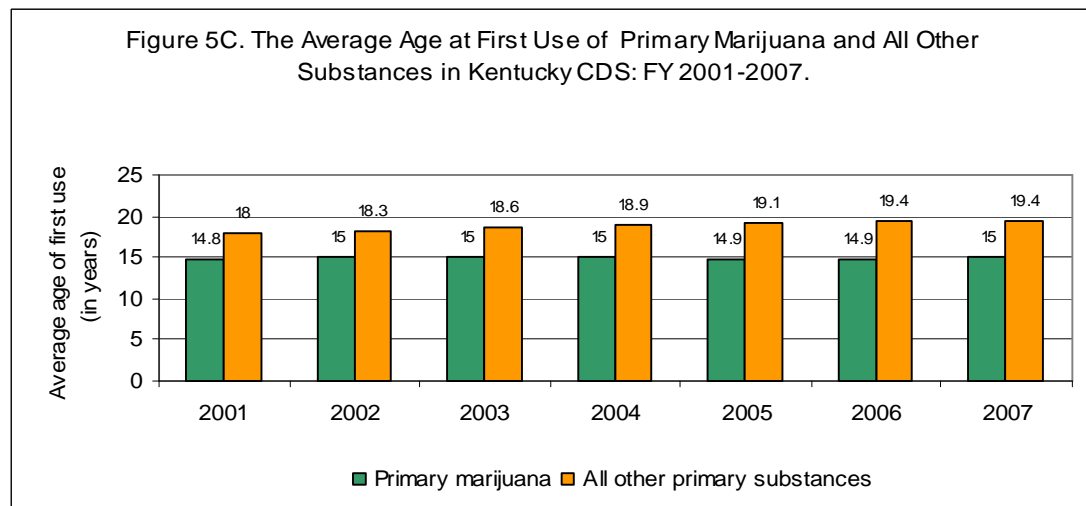
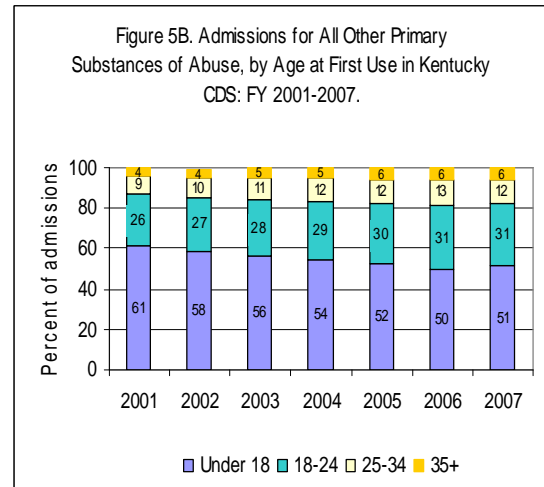
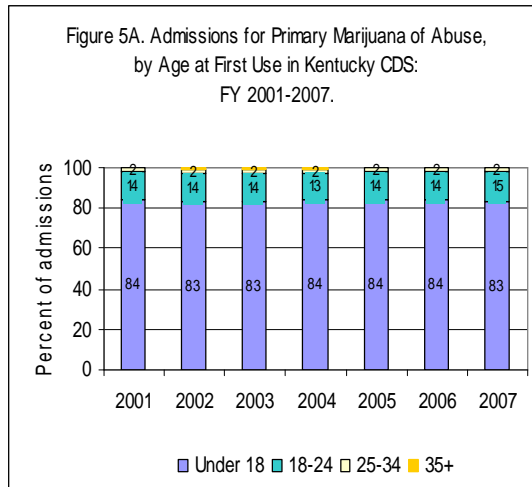
Primary marijuana admissions were more likely to be males (77% vs. 73% in 2001; 67% vs. 64% in 2007) than all other admissions (Table 2 in Appendix). Compared to all other admissions, marijuana admissions were less likely to be Whites (82% vs. 86% in 2001; 85% vs. 91% in 2007), correspondingly more likely to be Blacks (15% vs. 12% in 2001; 15% vs. 8% in 2007) (Table 3 in Appendix).

Marijuana admissions were more likely to be young ages from 12 to 24 than other substance admissions (62% vs. 21% in 2001; 50% vs. 21% in 2007). On the average, marijuana admissions were likely to be younger than all other admissions (24.4 vs. 34.3 years old in 2001; 26.6 vs. 33.8 years old in 2007) (Fig. 4A, 4B, 4C and Table 4 in Appendix).



Usage of Substances

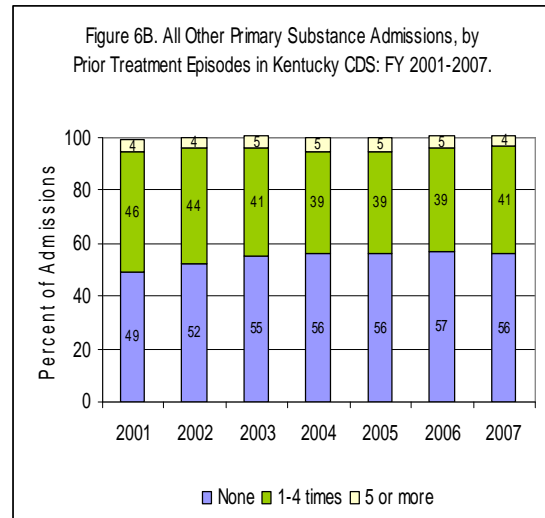
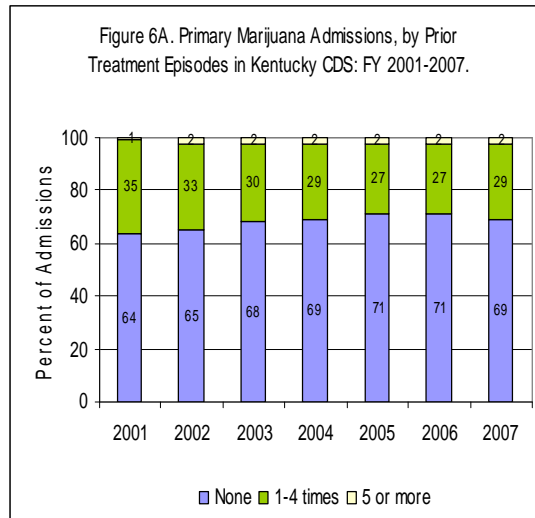
Over four-fifths of primary marijuana admissions reporting to have used the substance prior to the age 18 compared with over half of all other admissions (84% vs. 61% in 2001 and 83% vs. 51% in 2007). The average age of the first use of substances for marijuana admissions were also younger than the average age of first use for all other admissions (14.8 vs. 18.0 years old in 2001; 15 vs. 19.4 years old in 2007) (Fig. 5A, 5B, 5C and Table 5 in Appendix).



Prior Treatment Episodes

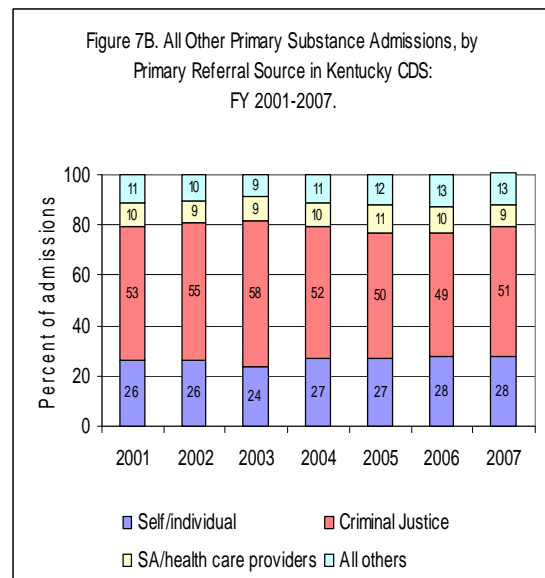
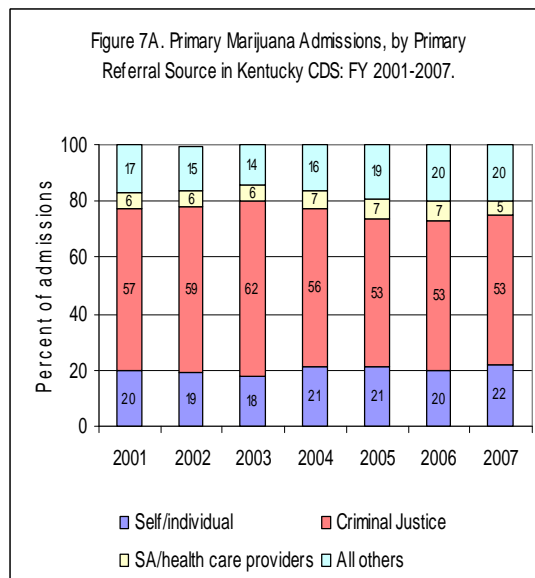
Marijuana admissions did not have an extensive treatment history: they were more likely to be first-time treatments (64% vs. 49% in 2001; 69% vs. 56% in 2007) and less likely to have 5 or more prior treatments (1% vs.

4% in 2001; 2% vs. 4% in 2007) than admissions for all other substances of abuse (Fig. 6A, 6B and Table 6 in Appendix).



Primary Referral Source

Marijuana admissions were more likely to have been referred to treatment through criminal justice system referrals (57% vs. 54% in 2001; 52% vs. 49% in 2006) and less likely to be referred by self/individual (20% vs. 26% in 2001; 20% vs. 29% in 2006) than admissions for other substances of abuse (Fig. 7A, 7B and Table 7 in Appendix).



Notes:

¹This report is based on data selected from the Kentucky Client Data Set (CDS), fiscal years 2001-2007, collected from 14 Community Mental Health Centers in Kentucky and maintained by the University of Kentucky's Research and Data Management Center (UK-RDMC).

²The primary marijuana of abuse is the main substance reported at the time of admission. All other substances of abuse include alcohol, opiates, cocaine/crack, stimulants, and other drugs as shown in Table 1A in Appendix.

³Secondary substances are other substances of abuse also reported at the time of admission.

Admissions of Primary Marijuana and All Other Substances of Abuse in
Kentucky CDS: Fiscal Years 2001-2007*. Number and Percent Distribution.

Primary admissions of marijuana and all other substances**	Fiscal Year						
	2001	2002	2003	2004	2005	2006	2007
TOTAL ADMISSIONS	17,647	18,023	18,491	18,824	17,507	18,375	15,813
ALCOHOL	57.2	53.9	50.3	48.2	45.0	42.6	42.1
OPIATES	8.0	9.2	10.5	11.8	12.3	13.6	16.3
COCAINE/CRACK	10.4	9.8	11.8	12.9	14.1	14.1	11.9
MARIJUANA	18.9	20.2	20.0	19.0	19.7	20.0	19.2
STIMULANTS	2.1	2.8	3.6	4.5	5.2	6.0	5.8
OTHER DRUGS	3.5	4.0	3.7	3.6	3.6	3.8	4.7

*SOURCE: from Kentucky Client Data Set, Fiscal years 2001-2007.

**Total admissions did not include none/unknown substances of abuse.

All other substances include alcohol, opiates, cocaine/crack,
stimulants and others.

Admissions of Primary Marijuana and All Other Substances of Abuse with Co-abuse of Secondary Substances in Kentucky CDS: FY 2001-2007*. Number and percent.

Primary admissions of marijuana and all other substances**	Fiscal Year						
	2001	2002	2003	2004	2005	2006	2007
ALL PRIMARY ADMISSIONS	17,647	18,023	18,491	18,824	17,507	18,375	15,813
Marijuana	18.9	20.2	20.0	19.0	19.7	20.0	19.2
All other substances	81.1	79.8	80.0	81.0	80.3	80.0	80.8
Primary marijuana only	28.1	30.2	32.3	30.7	32.2	32.2	33.9
Primary marijuana w/ secondary substances	71.9	69.8	67.7	69.3	67.8	67.8	66.1
Alcohol	65.6	62.4	61.2	59.7	55.5	52.0	48.7
All other drugs	34.4	37.6	38.8	40.3	44.5	48.0	51.3
All other primary substances only	48.5	47.6	45.7	42.4	40.2	40.2	40.9
All other primary substances w/ secondary substances	51.5	52.4	54.3	57.6	59.8	59.8	59.1
Marijuana	51.4	50.4	46.9	45.6	44.4	42.0	40.6
All other substances	48.6	49.6	53.1	54.4	55.6	58.0	59.4

*SOURCE: from Kentucky Client Data Set, Fiscal years 2001-2007.

**Total admissions did not include none/unknown substances of abuse.

All other substances include alcohol, opiates, cocaine/crack, stimulants and others.

Table 2

Admissions of Primary Marijuana and All Other
FY 2001-2007*. Number and Percent Distribution.

Fiscal Year Primary Admissions**	Gender		
	Male	Female	Total
2001			
Marijuana	77.2	22.8	3,327
All other substances	72.8	27.2	14,318
2002			
Marijuana	74.9	25.1	3,648
All other substances	71.1	28.9	14,375
2003			
Marijuana	72.9	27.1	3,700
All other substances	69.7	30.3	14,788
2004			
Marijuana	72.8	27.2	3,576
All other substances	67.9	32.1	15,207
2005			
Marijuana	71.5	28.5	3,432
All other substances	66.4	33.6	14,005
2006			
Marijuana	68.3	31.7	3,668
All other substances	65.1	34.9	14,679
2007			
Marijuana	67.4	32.6	3,037
All other substances	64.0	36.0	12,776

*Sources: Data computed from Client Data Set, fiscal years 2001-2007.

**Total admission did not include unknown gender.

All other substances include alcohol, opiates, cocaine/crack, stimulants and others.

Admissions of Primary Marijuana and All Other Substances of Abuse, by Race/Ethnicity in Kentucky CDS: FY 2001-2007*. Number and Percent Distribution.

Fiscal Year Primary Admissions**	Race/ethnicity			
	White	Black	Other	Total
2001				
Marijuana	84.2	14.6	1.3	3,259
All other substances	86.1	12.3	1.6	14,296
2002				
Marijuana	84.8	13.6	1.7	3,630
All other substances	87.0	11.0	2.0	14,400
2003				
Marijuana	83.7	14.3	1.9	3,693
All other substances	86.2	11.7	2.1	14,893
2004				
Marijuana	83.4	15.1	1.5	3,556
All other substances	85.9	12.2	1.8	15,210
2005				
Marijuana	81.7	16.6	1.7	3,432
All other substances	86.0	12.3	1.7	14,005
2006				
Marijuana	82.4	16.6	1.1	3,608
All other substances	87.9	10.8	1.3	14,545
2007				
Marijuana	84.5	14.4	1.1	2,968
All other substances	90.8	7.9	1.3	12,278

*Sources: from Client Data Set, fiscal years 2001-2007.

**Total admissions did not include unknown race/ethnicity.

Other race/ethnicity included Hispanics and other races.

All other substances include alcohol, opiates, cocaine/crack, stimulants and others.

Admissions of Primary Marijuana and All Other Substance of Abuse,
by Age at Admission in Kentucky CDS: FY 2001-2007*. Number and
Percent Distribution and Average Age at Admission.

Fiscal Year	Age at Admission					Avg. age
	12-17	18-24	25-34	35 +	Total	
Primary Admissions**						
2001						
Marijuana admissions	22.6	39.2	23.4	14.8	3,324	24.4
All other admissions	3.0	18.1	30.8	48.1	14,304	34.3
2002						
Marijuana admissions	20.1	39.1	24.6	16.2	3,457	25.0
All other admissions	2.6	19.2	30.8	47.4	13,377	34.2
2003						
Marijuana admissions	15.6	40.7	26.4	17.3	3,638	25.8
All other admissions	2.2	19.3	31.1	47.4	14,522	34.2
2004						
Marijuana admissions	16.2	39.1	27.4	17.4	3,579	25.9
All other admissions	2.0	19.4	31.7	46.9	15,224	34.3
2005						
Marijuana admissions	18.3	38.1	27.5	16.1	3,441	25.5
All other admissions	2.1	19.1	32.0	46.8	14,014	34.3
2006						
Marijuana admissions	17.0	35.6	30.3	17.1	3,564	26.1
All other admissions	2.3	19.5	32.4	45.8	14,314	34.1
2007						
Marijuana admissions	14.8	35.6	30.6	19.0	3,010	26.6
All other admissions	2.6	19.8	34.3	43.2	12,567	33.8

*Sources: Data computed from Client Data Set, fiscal years 2001-2007.

** Total admissions did not include unknown/invalid age.

All other substances include alcohol, opiates, cocaine/crack,
stimulants and others.

Admissions of Primary Marijuana and All Other Substances of Abuse,
by Age of First Use of Substance in Kentucky CDS: FY 2001-2007*.
Number and Percent Distribution and Average Age of First Use.

Fiscal Year Primary Admissions**	Age Group of First Use				Total	Avg. age
	< 18	18-24	25-34	35+		
2001						
Marijuana	84.1	13.5	1.9	0.5	2,739	14.8
All other substances	60.6	25.8	9.5	4.1	11,472	18.0
2002						
Marijuana	83.5	13.9	2.0	0.6	3,088	15.0
All other substances	58.3	27.3	10.1	4.3	11,982	18.3
2003						
Marijuana	83.2	14.4	1.8	0.6	3,580	15.0
All other substances	56.4	27.9	11.1	4.6	14,202	18.6
2004						
Marijuana	83.8	13.2	2.4	0.7	3,171	15.0
All other substances	54.3	28.9	11.7	5.1	13,570	18.9
2005						
Marijuana	83.7	14.1	1.8	0.4	2,938	14.9
All other substances	52.0	30.4	12.1	5.5	12,036	19.1
2006						
Marijuana	83.6	14.0	1.8	0.6	3,646	14.9
All other substances	50.2	31.1	13.0	5.8	14,550	19.4
2007						
Marijuana	82.9	14.6	1.8	0.7	2,990	15.0
All other substances	50.7	31.3	12.4	5.6	12,578	19.3

*Sources: Data computed from Client Data Set, fiscal years 2001-2007.

**Total admissions did not include unknown/invalid age of first use.

Age groups of first use are based on age at admission.

All other substances include alcohol, opiates, cocaine/crack,
stimulants and others.

Admissions of Primary Marijuana and All Other Substances
of Abuse, by Number of Prior Treatment Episodes in Kentucky
CDS: FY 2001-2007*. Number and Percent Distribution.

Fiscal Year Primary Admissions**	Prior Treatment Episodes			Total
	None	1-4 times	5 + times	
2001				
Marijuana	63.8	35.0	1.3	3,116
All other substances	49.2	46.4	4.4	13,245
2002				
Marijuana	64.9	33.6	1.5	3,448
All other substances	52.3	43.6	4.1	13,668
2003				
Marijuana	68.3	29.9	1.7	3,655
All other substances	54.7	40.6	4.7	14,605
2004				
Marijuana	69.1	28.9	2.0	3,568
All other substances	56.1	39.4	4.6	15,184
2005				
Marijuana	71.5	26.5	1.9	3,437
All other substances	55.6	39.3	5.1	14,001
2006				
Marijuana	71.5	26.8	1.7	3,658
All other substances	56.5	39.0	4.5	14,644
2007				
Marijuana	68.9	29.1	2.0	3,036
All other substances	55.9	40.5	3.7	12,740

*Sources: from Client Data Set, fiscal years 2001-2007.

**Total admissions did not include unknown number of prior treatment episodes.
All other substances include alcohol, opiates, cocaine/crack,
stimulants and others.

Admissions of Primary Marijuana and All Other Substances of Abuse,
by Primary Referral Source in Kentucky CDS: FY 2001-2007*.
Number and percent Distribution.

Fiscal Year Primary Admissions**	Primary referral source				
	Self/ indi- vi dual	Crimi - nal jus- ti ce	SA/ hl th care ctrs	All others	Total
2001					
Marijuana	19.7	57.4	6.2	16.7	3,209
All other substances	25.7	53.5	9.9	10.8	14,113
2002					
Marijuana	19.3	59.2	6.4	15.1	3,550
All other substances	25.8	55.2	9.2	9.8	14,156
2003					
Marijuana	18.1	62.4	5.9	13.6	3,201
All other substances	23.5	58.5	8.8	9.2	12,526
2004					
Marijuana	20.8	56.2	6.4	16.6	3,552
All other substances	26.5	52.4	9.9	11.1	15,084
2005					
Marijuana	20.7	52.6	7.1	19.6	3,396
All other substances	27.3	50.0	10.5	12.2	13,911
2006					
Marijuana	20.3	52.4	6.8	20.5	3,667
All other substances	28.6	49.1	9.6	12.7	14,646
2007					
Marijuana	21.7	52.6	5.3	20.4	3,033
All other substances	27.5	50.5	8.7	13.3	12,750

*Sources: Data computed from Client Data Set, fiscal years 2001-2007.
All other substances include alcohol, opiates, cocaine/crack, urces.
stimulatns and others.